

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 –6 Canceled.

7. (Currently Amended) A copying machine comprising:
an optical reading unit which optically scans a surface of a recording medium, and converts an image on the surface of the recording medium into image data;
~~a first radio communication unit a radio reader which reads image data of the image inherently printed on the surface of the recording medium from an IC chip embedded in the recording medium and having a radio communication function;~~
an image forming unit which prints an image on a surface of an image forming medium;
~~a control panel to which the operational mode is input by a user;~~
~~a control panel which allows a user to select an image to be printed on the surface of the image forming medium from one of the image on the surface of the recording medium and the image data recorded in the IC chip which is embedded in the recording medium;~~
an operational mode setting unit which sets one of the image data of the recording medium acquired by the optical reading unit and the data read from the IC chip of the recording medium by ~~the first radio communication unit the radio reader~~, as the data to be printed as the image on the image forming medium by the image forming unit, ~~in accordance with the user's selection input to the control panel based on the operational mode input to the control panel~~; and
~~a control unit which selects one of the image data on the surface of the recording medium which has been optically scanned by the optical reading unit and the data read from the IC chip embedded in the recording medium by the radio reader~~, as the image data to be printed on the surface of the image forming medium by the image forming unit, based on the operational mode set by the operational mode setting unit.
~~a control unit which is configured to:~~
~~when the operational mode setting unit sets the image to be printed on the surface of the image forming medium as the image that is recorded in the IC chip of the recording~~

medium, control the first radio communication unit to read the image from the IC chip of the recording medium, and the image forming unit to print the image read by the first radio communication unit on the image forming medium; and

when the operational mode setting unit sets the image to be printed on the surface of the image forming medium as the image that is on the surface of the recording medium, control the optical reading unit to read the image on the surface of the recording medium, and the image forming unit to print the image read by the optical reading unit on the surface of the image forming medium.

Claim 8. (Canceled)

9. (Currently amended) The copying machine according to claim 7, further comprising:

a second radio communication unit a radio writer which writes data on an IC chip embedded in the image forming medium and having a radio communication function[;], wherein:

the control panel allows a user to select image data to be recorded in the IC chip embedded in the image forming medium from one of the image data which is read from the surface of the recording medium and the image data recorded in the IC chip which is embedded in the recording medium;

[wherein] the operational mode setting unit sets one of the image data of the recording medium acquired by the optical reading unit and the data read from the IC chip of the original by the first radio communication unit the radio reader, as the data to be written on the IC chip embedded in the image forming medium by the first radio communication unit the radio reader, in accordance with the user's selection input to the control panel based on the operational mode input to the control panel, and

wherein the control unit selects one of the image data on the surface of the recording medium which has been optically scanned by the optical reading unit and the data read from the IC chip embedded in the original by the radio reader, as the data to be written on the IC chip embedded in the image forming medium by the radio writer, based on the operational mode set by the operational mode setting unit.

the control unit is configured to:

when the operational mode setting unit sets the image data to be recorded in the IC chip of the image forming medium as the image data that is recorded in the IC chip of the recording medium, control the first radio communication unit to read the image from the IC chip of the recording medium, and the second radio communication unit to record the image that is read by the first radio communication unit in the IC chip of the image forming medium; and

when the operational mode setting unit sets the image data to be recorded in the IC chip of the image forming medium as the image data that is read from the surface of the recording medium, control the optical reading unit to read the image data on the surface of the recording medium, and the second radio communication unit to record the image data that is read by the optical reading unit in the IC chip of the image forming medium.

Claims 10 – 12 (Canceled)

13. (Currently amended). The A copying machine according to claim 7, further comprising :

a scanner unit which includes the optical reading unit and the first radio communication unit;

a printer which includes the image forming unit; and

a system control unit controller which includes the operational mode setting unit and the control unit, wherein

the scanner includes:

the control panel, the scanner unit, the printer, and the system controller constitute an integrally formed copying machine.

~~an optical reading unit which optically scans a surface of a recording medium, and converts an image on the surface of the recording medium into image data; and~~

~~a radio reader which reads image data of the image inherently printed on the surface of the recording medium from an IC chip embedded in the original and having a radio communication function,~~

the printer includes:

~~which prints an image on a surface of an image forming medium, and~~

the system control unit includes:

~~a control panel to which an operational mode is input by a user;~~

~~an operational mode setting unit which sets one of the image data of the original acquired by the optical reading unit and the data read from the IC chip of the original by the radio reader, as the data to be printed as the image on the image forming medium by the image forming unit, based on the operational mode input to the control panel; and~~

~~a control unit which selects one of the image data on the surface of the original which has been optically scanned by the optical reading unit and the data read from the IC chip embedded in the original by the radio reader, as the image data to be printed on the surface of the image forming medium by the image forming unit, based on the operational mode set by the operational mode setting unit.~~

Claim 14. (Canceled)

15. (Currently amended). The copying machine according to claim 13 9, ~~wherein further comprising:~~

a scanner unit which includes the optical reading unit and the first radio communication unit;

a printer which includes the image forming unit, and the second radio communication unit;

a system controller which includes the operational mode setting unit and the control unit, wherein

the control panel, the scanner unit, the printer, and the system controller constitute an integrally formed apparatus.

the printer further includes:

a radio writer which writes data on an IC chip embedded in the image forming medium and having a radio communication function,

~~wherein the operational mode setting unit sets one of the image data of the original acquired by the optical reading unit and the data read from the IC chip of the original by the radio reader, as the data to be printed as the image on the image forming medium by the image forming unit, based on the operational mode input to the control panel; and~~

~~wherein the control unit of the system control unit selects one of the image data on the surface of the original which has been optically scanned by the optical reading unit of the scanner and the data read from the IC chip embedded in the original by the radio reader of the scanner, as the data to be written on the IC chip embedded in the image forming medium by~~

~~the radio writer of the printer, based on the operational mode set by the operational mode setting unit.~~

Claims 16 – 17. (Canceled)

18. (Previously Presented) The copying machine according to claim 7, wherein the radio reader reads electronic data, which corresponds to the image data inherently recorded on the surface of the recording medium, from the IC chip embedded in the recording medium.

19. (Previously Presented) The copying machine according to claim 9, wherein the radio reader reads electronic data, which corresponds to the image data inherently recorded on the surface of the recording medium, from the IC chip embedded in the recording medium.

20. (Previously Presented) The copying machine according to claim 13, wherein the radio reader reads electronic data, which corresponds to the image data inherently recorded on the surface of the recording medium, from the IC chip embedded in the recording medium.

21. (Currently Amended) The copying machine according to claim 15, wherein the radio reader reads electronic data, which corresponds to the image data inherently recorded on the surface [[f]] of the recording medium, from the IC chip embedded in the recording medium.

22. (New) The copying machine according to claim 7, wherein:
the control unit generates history information based on contents of processing, and
the first radio communication unit writes the history information generated by the control unit in the IC chip of the recording medium.

23. (New) The copying machine according to claim 9, wherein:
the control unit generates history information based on contents of processing, and
the second radio communication unit writes the history information generated by the control unit in the IC chip of the image forming medium.

24. (New) The copying machine according to claim 9, wherein:
the first radio communication unit and the second radio communication unit constitute
one communication unit.

25. (New) The copying machine according to claim 9, wherein:
when the operational mode setting unit sets the image to be printed on the surface of
the image forming medium as the image that is on the surface of the recording medium, and
the image data to be recorded in the IC chip of the image forming medium as the image that is
recorded in the IC chip of the recording medium,
the control unit is configured to:
control the optical reading unit to read the image data on the surface of the
recording medium, and the first radio communication unit to read the image from the IC chip
of the recording medium; and
control the image forming unit to print the image data that is read by the
optical reading unit on the surface of the image forming medium, and the second radio
communication unit to record the image data that is read by the first radio communication
unit in the IC chip of the image forming medium.

26. (New) The copying machine according to claim 9, wherein:
when the operational mode setting unit sets the image to be printed on the surface of
the image forming medium as the image that is recorded in the IC chip of the recording
medium, and the image data to be recorded in the IC chip of the image forming medium as
the image that is recorded in the IC chip of the recording medium,
the control unit is configured to:
control the first radio communication unit to read the image from the IC chip
of the recording medium; and
control the image forming unit to print the image data that is read by the first
radio communication unit on the surface of the image forming medium, and the second radio
communication unit to record the image data that is read by the first radio communication
unit in the IC chip of the image forming medium.

27. (New) The copying machine according to claim 9, wherein:

when the operational mode setting unit sets the image to be printed on the surface of the image forming medium as the image that is on the surface of the recording medium, and the image data to be recorded in the IC chip of the image forming medium as the image that is on the surface of the recording medium,

the control unit is configured to:

control the optical reading unit to read the image data that is on the surface of the recording medium; and

control the image forming unit to print the image data that is read by the optical reading unit on the surface of the image forming medium, and the second radio communication unit to record the image data that is read by the optical reading unit in the IC chip of the image forming medium.

28. (New) A method of copying an image on a surface of a recording medium, comprising:

optically scanning, by an optically scanning unit, the surface of the recording medium, and converting an image on the surface of the recording medium into image data;

reading, by a first radio communication unit, image data from an IC chip embedded in the recording medium;

printing, by an image forming unit, an image on a surface of an image forming medium;

receiving a selection made by a user onto a control panel, the selection corresponding to an image to be printed on the surface of the image forming medium from one of the image on the surface of the recording medium and the image data recorded in the IC chip which is embedded in the recording medium;

setting one of the image data of the recording medium acquired by the optically scanning step and the data read from the IC chip of the recording medium by the first radio communication unit, as the data to be printed as the image on the image forming medium by the image forming unit, in accordance with the user's selection input to the control panel;

controlling, when the setting step sets the image to be printed on the surface of the image forming medium as the image that is recorded in the IC chip of the recording medium, the first radio communication unit to read the image from the IC chip of the recording

medium, and controlling the image forming unit to print the image read by the first radio communication unit on the image forming medium; and

controlling, when the operational mode setting unit sets the image to be printed on the surface of the image forming medium as the image that is on the surface of the recording medium, the optical reading unit to read the image on the surface of the recording medium, and controlling the image forming unit to print the image read by the optical reading unit on the surface of the image forming medium.

29. (New) The method according to claim 28, further comprising:

writing, by a second radio communication unit having a radio communication function, data on an IC chip embedded in the image forming medium, wherein:

receiving a selection made by the user onto the control panel, image data to be recorded in the IC chip embedded in the image forming medium from one of the image data which is read from the surface of the recording medium and the image data recorded in the IC chip which is embedded in the recording medium;

setting, by the operational mode setting unit, one of the image data of the recording medium acquired by the optical reading unit and the data read from the IC chip of the original by the first radio communication unit, as the data to be written on the IC chip embedded in the image forming medium by the first radio communication unit, in accordance with the user's selection input to the control panel;

controlling, when the operational mode setting unit sets the image data to be recorded in the IC chip of the image forming medium as the image data that is recorded in the IC chip of the recording medium, the first radio communication unit to read the image from the IC chip of the recording medium, and controlling the second radio communication unit to record the image that is read by the first radio communication unit in the IC chip of the image forming medium; and

controlling, when the operational mode setting unit sets the image data to be recorded in the IC chip of the image forming medium as the image data that is read from the surface of the recording medium, the optical reading unit to read the image data on the surface of the recording medium, and controlling the second radio communication unit to record the image data that is read by the optical reading unit in the IC chip of the image forming medium.

30. (New) The method according to claim 28, further comprising:
generating history information based on contents of processing; and
writing, by the first radio communication unit, the history information generated by
the generating step in the IC chip of the recording medium.
31. (New) The method according to claim 28, further comprising:
generating history information based on contents of processing; and
writing, by the second radio communication unit, the history information generated by
the control unit in the IC chip of the image forming medium.
32. (New) The method according to claim 29, wherein:
the first radio communication unit and the second radio communication unit constitute
one communication unit.
33. (New) The method according to claim 29, further comprising:
setting, by the operational mode setting unit, the image to be printed on the surface of
the image forming medium as the image that is on the surface of the recording medium, and
the image data to be recorded in the IC chip of the image forming medium as the image that is
recorded in the IC chip of the recording medium;
controlling the optical reading unit to read the image data on the surface of the
recording medium, and the first radio communication unit to read the image from the IC chip
of the recording medium; and
controlling the image forming unit to print the image data that is read by the optical
reading unit on the surface of the image forming medium, and the second radio
communication unit to record the image data that is read by the first radio communication
unit in the IC chip of the image forming medium.
34. (New) The method according to claim 29, wherein:
setting, by the operational mode setting unit, the image to be printed on the surface of
the image forming medium as the image that is recorded in the IC chip of the recording
medium, and the image data to be recorded in the IC chip of the image forming medium as
the image that is recorded in the IC chip of the recording medium;

controlling the first radio communication unit to read the image from the IC chip of the recording medium; and

controlling the image forming unit to print the image data that is read by the first radio communication unit on the surface of the image forming medium, and the second radio communication unit to record the image data that is read by the first radio communication unit in the IC chip of the image forming medium.